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Docket No.
56029/2669

Applicant(s):
Johnson et al.

APR 29 2002

Serial No.
09/476,290

Filing Date
December 30, 1999

Examiner
Michael D. Pak

Group Art
1646

Title:
NEURTURIN AND RELATED GROWTH FACTORS

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS

Transmitted herewith is:

1. Amendment and Response; and
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Daniel S. Kasten
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Dated: 4/29/02

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Daniel S. Kasten

Daniel S. Kasten

Application of: Johnson et al.

Group No.: 1646

Serial No.: 09/476,290

Atty. Docket No.: 56029-2669

Filed: 12/30/1999

For: Neurturin and related growth factors **Examiner:** Pak, Michael D.

Box Non Fee Amendment
Commissioner of Patents and Trademarks
Washington, DC 20231

AMENDMENT AND RESPONSE

HONORABLE SIR:

Responsive to the official communication of March 27, 2002, Applicant submits the following Remarks.

It is not believed that extensions of time are required beyond those, which may otherwise be provided for in documents accompanying this Amendment. However, in the event that additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a), and any fees required therefore are hereby authorized to be charged to our Deposit Account 20-0823.

REMARKS

In response to the Examiner's request, dated March 27, 2002, for a brief explanation of all of the SEQ ID Nos in the application, applicants submit the following summaries. As per the telephone conversation between myself and Examiner Pak of earlier this month regarding this request, Applicants are submitting at this time summaries of only the sequences that are recited

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in the currently pending claims. The summaries submitted herein are intended only to facilitate examination, and are in no way intended to substitute for the more extensive discussion supplied in the specification. These descriptions are not to be construed as limiting in any way the description provided in the specification. Applicants assert that the specification is self-explanatory, and that the sequences in question are adequately described therein. Again, these summaries are submitted in response to the Examiner's request solely for the purpose of facilitating examination.

SEQ ID NO:1 is a polypeptide sequence of human Neurturin.

SEQ ID NO:2 is a polypeptide sequence of mouse Neurturin.

SEQ ID NO:7 is a polypeptide sequence of human pre-pro Neurturin.

SEQ ID NO:8 is a polypeptide sequence of mouse pre-pro Neurturin.

SEQ ID NO:33, 34, 35, 36, 37, 38, 39, 40 or 41 represent a region of a Neurturin polypeptide that are conserved among species.

Applicants believe that this response is complete, and respectfully request examination on the merits.

Respectfully submitted,



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